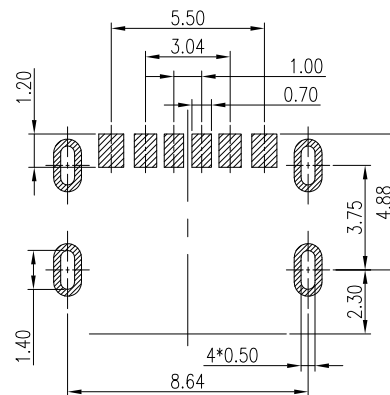
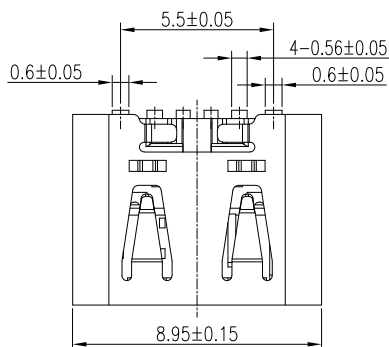
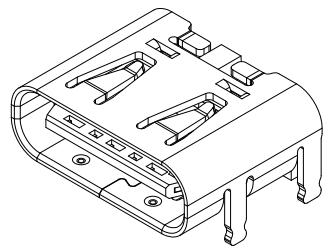
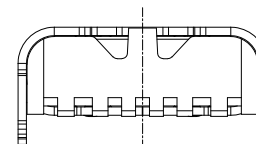
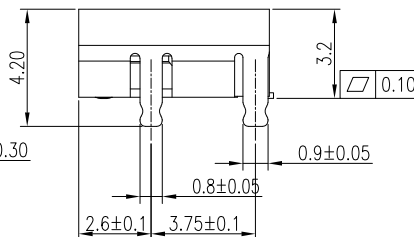
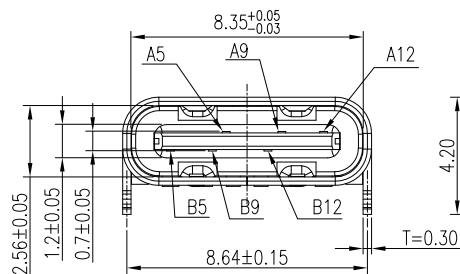
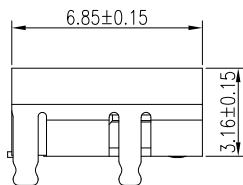
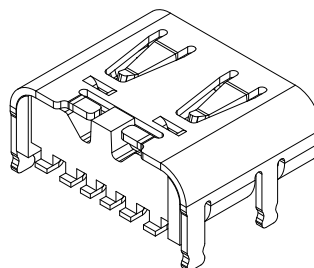
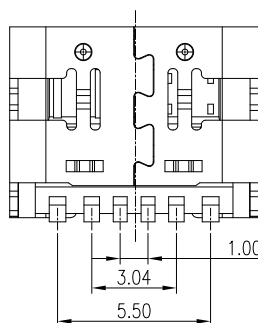




RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED  $\pm 0.05\text{mm}$



|     |             |
|-----|-------------|
| B12 | GND         |
| B9  | VBUS        |
| B5  | CC2         |
| A5  | CC1         |
| A9  | VBUS        |
| A12 | GND         |
| PIN | SIGNAL NAME |



## NOTES:

### 1. Material:

Insulator: LCP, UL 94V-0 Rated.

Color: Black.

Contact: Brass.

Plating: Gold Plating over Nickel on Contact Area.

Gold Plating over Nickel on Solder Tail.

Shell: Stainless Steel, SUS201-1/2H, T=0.30mm $\pm 0.03\text{mm}$ .

Plating: Nickel Plating over All.

### 2. Mechanical:

Insertion Force: 5~20N.

Withdrawal Force: 8~20N.

Durability: 8,000Cycles.

### 3. Electrical Specification:

Current Rating: 5.0A Max for VBUS;

1.25A Max for GND Pins;

0.25A Max for Other Pins.

Voltage Rating: 20V Max.

Contact Resistance: 40m $\Omega$  Max.

Insulation Resistance: 100M $\Omega$  Min.

Dielectric Withstanding Voltage: 100V AC R.M.S.

### 4. Environmental:

Operating Temperature: -25°C to +85°C.

## Part Number:

CU3C-R06RSG0-58

USB3.1 C Type Series

R: Receptacle

06: 6Pins

R: Right Angle

58: SMT L=6.85mm  
Shell With Spring  
0: Black Color  
G: Gold Flash  
S: SMT Type

|                                                                       |               |                                                  |              |
|-----------------------------------------------------------------------|---------------|--------------------------------------------------|--------------|
| A                                                                     | 08/31/20      | RELEASED FOR PRODUCTION                          |              |
| REV                                                                   | DATE          | DESCRIPTION                                      |              |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MM<br>TOLERANCES ARE: |               | CAD GENERATED DRAWING,<br>DO NOT MANUALLY UPDATE |              |
| DECIMALS                                                              | ANGLES        | APPROVALS                                        | DATE         |
| .X $\pm .38$                                                          | $\pm 3^\circ$ | DRAWN Chris                                      | 08/31/20     |
| .XX $\pm .25$                                                         |               | CHECKED Cindy                                    | 08/31/20     |
| .XXX $\pm .20$                                                        |               | APPV Jason                                       | 08/31/20     |
| DO NOT SCALE DRAWING                                                  |               | SHEET 1 OF 1                                     | SCALE NONE   |
|                                                                       |               | DWG. NO.                                         | CU3C-R06-058 |
|                                                                       |               | REV.                                             | A            |



凱聯科技股份有限公司  
Conn-Link Technology Inc.

DESCRIPTION USB 3.1 C Type, Receptacle, 6Pins, Right Angle,  
SMT, Gold Flash, L=6.85mm, Shell With Spring, Black Color